



The Halifax Amateur Radio Club

REFLECTOR

PO BOX 663
HALIFAX NS
B3J 2T3

June 2006 Volume 67 Number 6
club web site is www.halifax-arc.org



June 21 is the First Day of Summer
Field Day Weekend is June 24 – 25



HARC Club Station phone number - 490-6421
See the HARC Web site at: <http://www.halifax-arc.org>

Our executive and committees.

<u>Position Name & Call Sign</u>	<u>Phone #</u>	<u>E-Mail</u>
President - Bill Elliott, VE1MR	865-8567	ve1mr@rac.ca
First V.P. - Rob Ewert, VE1KS	826-1705	ewertr@hfx.eastlink.ca
2nd V.P. - Howard Dickson, VE1DHD	823-2024	dhdickson@hfx.eastlink.ca
Secretary - Murray MacDonald, VE1MMD	876-0661	twomacds@eastlink.ca
Treasurer - Fraser MacDougall VE1WO	865-4198	ve1wo@rac.ca
Director-at-Large: - Craig MacKinnon, VE1JMA	craig.mackinnon1@ns.sympatico.ca	
Club Station Mgr. - Brian Allan, VE1AZV	489-4656	basailor@eastlink.ca
Past President - Dick Grantham, VE1AI	434-8046	ve1ai@rac.ca

Committees/Offices/Prime Contacts

Public Relations: Wayne Harasimovitch, VE1WPH	835-4865	ve1wph@rac.ca
Brit Fader Memorial QSL Bureau Manager -		
Bob Burns, VE1VCK	865-9414	ve1vck@rac.ca
EMO Coordinator - Dave George, VE1AJP	466-8723	dgeorge@dal.ca
Reflector editor - Lynn Bowser, VE1ENT	865-8567	ve1ent@rac.ca
Reflector Dist. - Tom Caithness, VE1GTC	477-7081	tom.caithness@ns.sympatico.ca
Membership - Tom Caithness, VE1GTC	477-7081	tom.caithness@ns.sympatico.ca
Web page - Rob Ewert, VE1KS,	826-1705	ewertr@hfx.eastlink.ca
Basic ham course - Scott Wood, VE1QD	823-2761	ve1qd@rac.ca
EMO Trailer Assembly coord - David Musgrave, VE1EDA	435-4333	ve1eda@rac.ca
Flea market Chair - Murray MacDonald, VE1MMD	876-0661	twomacds@eastlink.ca
Field Day coordinator - Howard Dickson	823-2024	dhdickson@hfx.eastlink.ca
Safety Officer - Terry Bigelow		ve1trb@rac.ca
RAC Asst Director - Wayne Marchand, VE1WJM,	860-1580	ve1wjm@rac.ca
NSARA Director - Scott Wood, VE1QD	823-2761	ve1qd@rac.ca
Frequency coordinator for Nova Scotia - Bev Reynolds, VE1TL		

Take-15 Net Controllers

NOTE: There have been some changes. This will be the rotation.

If you cannot take the net on your particular evening get in touch with one of the others and trade places with them. If I have left any one off the list, or you want to join, please let Bill, VE1MR, know.



June 18	Charles	VE1MCR	Aug. 13	Dave	VE1EDA
June 25	Chris	VA1CDB	Aug. 20	Charles	VE1MCR
July 2	Herb	VE1HX	Aug. 27	Chris	VA1CDB
July 9	Pierre	VE1PTR	Sept. 3	Herb	VE1HX
July 16	Win	VE1WIN	Sept. 10	Pierre	VE1PTR
July 23	Peter	VE1PJW	Sept. 17	Win	VE1WIN
July 30	Doug	VE1LDL	Sept. 24	Peter	VE1PJW
Aug. 6	Herb	VE1HX			

The **General Monthly Meeting** of the Halifax Amateur Radio Club will take place Wednesday, June 21, 2006 at 1930 hours (7:30 PM), at the former Bloomfield School building (corner of Almon and Agricola streets). The meeting will be held in the Multi-Purpose Room. The post-meeting topic will be Field Day. Our 2006 Field Day site will be York Redoubt. Guests are welcome.

Field Day – We're looking for Operators & loggers. Operating schedules are being coordinated by:

Phone station – Bob, VE1PQ
CW station – Dick, VE1AI
GOTA station - Scott, VE1QD
To schedule your operating time or logging time contact:
Bob bob_swinwood@hotmail.com
Dick: 434-8046 ve1ai@rac.ca
Scott: 823-2761 ve1qd@rac.ca

Deadline for submissions to the September Reflector is Saturday, Sept. 9, 2006

GENERAL INFORMATION



TAKE-15 NET: Sunday evenings at 8:30 PM on VE1PSR/VHF

CLUB REPEATERS:

VE1PSR/VHF - 147.270 MHz +
VE1PSR/UHF - 444.350 MHz +
VE1PSR/6M - 53.550 MHz -
access tone 151.4 Hz
VE1HNS - 146.940 MHz -

PACKET:

VE1NSD 145.050 MHz LAN NODE
VE1BBS - Local packet BBS
accessible through the LAN

Events for Your Calendar

Cancelled – The contesting workshop that was planned for June 17 has been cancelled due to lack of interest.

Field Day 2006 will be Saturday and Sunday, June 24-25 The HARC will operate from York Redoubt

July 22 & 23 – NB 2006 **Rona MS Bike Tour**

The DX Forum - Saturday, August 5 Location: the St. Margaret's Community Centre (located immediately off of exit 5 on the 103). This year's program promises to be the best ever.

2006 NSARA Picnic – Hosted by the Yarmouth Amateur Radio Club will be held Saturday August 26 August. Directions will be available on the NSARA website.

Aug. 12 - 13 - **The MS Bike Tour**
To help with communications please contact Rick, VE1RGG

Lunenburg County Amateur Radio Club Steak & Salmon Supper will be Sunday August 27 at the Michelin Social Club Bridgewater, NS Take exit 12 on the 103 if coming from the east turn right if coming from the west turn left, proceed to Logan road (there's an Atlantic Rentals Store on the corner), turn left proceed to the stop sign. Continue straight until you see the social club (has a Ball diamond next to it). Social from 3:30 onward, serving at about 5:00PM. Please contact Percy, VE1PLV@eastlink.ca or AL Cycles, VE1CYP@rac.ca, or check in on our net every night (147.090 or 147.330)

August – International Lighthouse/Lightship Weekend

In **2008** we'll celebrate the Halifax Amateur Club's 75 years of operation What special project or activity would you like to suggest and/or be involved with?

Contact Murray, VE1MMD,
Or Howard, VE1DHD



The Multiple Sclerosis Society Nova Scotia Bike Tour is being held August 12-13 this year. The route starts in Windsor on Saturday morning, heads towards Windsor Forks, through Falmouth and Hantsport, goes to Acadia for lunch, loops around Canning, and then back to Acadia for the evening. The Sunday route is reversed with the option to skip the Canning loop on Sunday morning.

If anyone wishes to participate for 2006 please let me know by email at rsgardiner@eastlink.ca or by phone at 209-2482 (preferably by email so I don't forget).



For anyone planning to stay overnight: Those staying overnight at Acadia must let Tanya at the MS Office know by 4:30 pm on July 25th. There is a \$35 fee for volunteers that are planning to stay in residence at Acadia (meals included). Meals will also be included at no charge for those wishing to make their own arrangements for accommodations.

For anyone not planning to stay overnight I will return you to your vehicle if it is located at the start point in Windsor. Otherwise you will have to make your own travel arrangements.

Rick, VE1RGG

QSL Card Production

Howard (VE1DHD) is in the process of organizing a QSL card print run for early August. There are currently four cards in the print queue but we can accommodate additional cards; the more we have the cheaper it becomes for everyone. The cards will be printed in full colour on the front and black type on a white background on the back. The price for 1000 cards will be approximately \$117.00 (including tax) plus approximately \$12.00 for shipping. These cards are printed by Dennis (VE7DK) in Vancouver and he does an outstanding job. If you have your own card design that is ready for printing, or if you need a card designed for you, please contact Howard (VE1DHD) at: VE1DHD@rac.ca as soon as possible to get your name in the print queue for August 2006. This will likely be the last print run that we do this year.

Summerside Fleamarket ? ?

From: David Nimmo
To: Ken McCormick VY2RU

Hi Ken:

Can you give us the date of the Summerside Fleamarket please..... many are asking and nobody knows.....

Thanx and regards David, VE1NN

From: Ken McCormick
To: David Nimmo
Re: Summerside Fleamarket ? ?

No Flea Market on PEI this year David. We are going to hold it every second year due to low attendance and not enough interest.

- Ken VY2RU

The NSARA web site is at...

<http://users.auracom.com/nsara/>

New Brunswick MS Bike Tour...

The NB 2006 Rona MS Bike Tour is being held on July 22nd & 23rd. The route begins on Saturday morning in Sussex and travels along some very scenic roads toward Saint John with a return trip on Sunday.

Peter Service VE9NPS is co-ordinating communications and is seeking ham radio volunteers to help with the event. Anyone interested in assisting with radio communications for this event is asked to contact Peter by email at: ve9nps@rogers.com or by phone 506-658-1983.

More information on the Bike Tour and route are available on the MS web site at:

<http://www.mssociety.ca/atlantic/biketourNB.htm>
or by contacting Peter.



PRESIDENT'S MESSAGE

Almost half the year is gone and as I write this we have been contemplating building an ark; June has been very soggy so far. We have ordered fine weather for June 23, 24 and 25, the ARRL Field Day. The co-ordinator, Howard, VE1DHD has promised sunshine and a light breeze.

The club will be operating in the 2A class from York Redoubt this year. Some of the executive has assessed the site and it looks good with very public exposure. Personally I am looking forward to operating from there and hope many club and non club members will participate.

Contact Howard, VE1DHD if you want to volunteer for a particular task or just to see what you can help out with.

Set up and tear down are particularly important and I hope many members arrive on site at 3 PM Friday June 23 for set up - the adage "many hand make light work" is very true. Tear down is a doubly important time for some fresh people to show up since many of the operators and crew will be tired from spending the entire weekend at the site. Tired people can do unsafe things, so if you can only spend a short period there during the weekend perhaps Sunday June 25th after lunch to help with tear down would be a great help and very much appreciated.

On a different note, Tom, VE1TA and Shirley, VE1JFG have been taking care of the club tube bank for a number of years. Originally their children helped but have since finished school and have left home. Tom and Shirley feel it is time for someone else to take over the tube bank. We do not get a great many requests and often then do not have the tube or tubes required. The major part of this job is housing the tubes and checking them as required. Several tube testers are included. This can be a fun job but does require some space to be dedicated to storing the tubes. If you need more information contact Tom Cohoon, VE1TA. If you are interested in taking the task on then please contact Tom, VE1TA or any executive member.

Please check page 2 for other happenings over the summer and keep an eye on the web site for late breaking events. There are exciting events going on during the summer including the DX forum and NSARA picnic for example.

I hope you will all have a safe and enjoyable summer.

73 - Bill, VE1MR

OPPORTUNITY

WANTED Manager & Storage for the HARC Tube Bank

After 8 years of housing the HARC Tube Bank and overseeing its activities, Tom, VE1TA, (and Shirley) want to turn the Tube Bank over to a new manager/custodian. We have a good sized stock of tubes and while a fair amount of storage space is needed, Tube Bank activities should not take up much of your time. If you're interested please contact a member of the HARC executive.

OPPORTUNITY

WANTED HARC Membership Chair

Tom (VE1GTC) has held this position for a number of years and he now wishes to devote his time and energy to other duties within the Club. If you are interested in taking over this important position, please let Bill, VE1MR know.

Fractured Zen – The journey of a thousand miles begins with a broken fan belt and a leaky tire.

From the ARRL Letter, Vol. 25, No. 19
May 12, 2006

ARISS news Thanks to Amateur Radio and an international teleconferencing link, Inuit students attending Jaanimmariik School in Kuujjuaq, Quebec, joined the space program May 4. The ARISS program arranged the contact between NA1SS and ARISS veteran Tony Hutchison, VK5ZAI, in Kingston, Australia. Verizon Conferencing donated a two-way audio link between the northern school and VK5ZAI. Speaking from NA1SS, US astronaut Jeff Williams, KD5TVQ, told the students that he and Expedition 13 Commander Pavel Vinogradov, RV3BS, are doing experiments involving crystal growth in a microgravity environment as well as fluid dynamics and growing plants. ARISS mentor Steve McFarlane, VE3BTD, estimated the audience at about 450.

Students from Manordale Public School in Ottawa were on hand in Kuujjuaq for the Jaanimmariik contact. Manordale students spoke with ISS Expedition 10 Commander Leroy Chiao, KE5BRW, in Dec. '04.

From the ARRL Letter, Vol. 25, No. 17
Tossed into orbit 3 months ago from the International Space Station, **SuitSat-1** continues to orbit Earth; batteries long dead. Spaceweather.com reported that Kevin Fetter videotaped SuitSat-1 as it passed over his Brockville, Ont. See <http://science.nasa.gov/spaceweather/swpod2006/27apr06/fetter.wmv>

A spare Russian Orlan spacesuit equipped with a voice transmitter, slow-scan TV system, voice recordings & various sensors, SuitSat-1 was the brainchild of the Russian ARISS team. Radio signals from SuitSat-1 were very weak due to an undetermined problem. However, it remained in operation for more than 2 weeks. The last confirmed reception of SuitSat-1's voice audio was on Feb. 18. Eventually, SuitSat-1 will sink into, and burn up in, Earth's atmosphere. Another surplus Orlan suit remains aboard the ISS; potentially SuitSat-2

Safety Corner June 2006

By Terry, VE1TYRB

Have you ever wondered where those rules came from regarding fuelling your car? Well, a club member has asked just that, and has made a suggestion that this be looked at.

**Fires during Refueling**

Ref: Petroleum Equipment Institute website <http://www.pei.org/> (the acronym has nothing to do with Prince Edward Island by the way)

The Petroleum Equipment Institute (PEI) began investigating mysterious refueling fires in the mid-Nineties. They learned that static electricity, the same thing that shocks you after dragging your feet across the carpet, can ignite gasoline vapors at the pump.

How Does it Happen? Sparked by static electricity: Motorists start pumping gas then get back in their car. Once the tank is full they return to the nozzle with a fresh charge of static built up. They touch the gas pump nozzle, which generates a spark. The spark ignites the gasoline vapors.

In the course of their research they learned that a buildup of static electricity could be generated by many different sources. They documented fires caused by plastic gas cans, nylon windbreakers and, possibly most dangerous of all, human nature.



They found a common thread in a substantial number of these accidents; the victims got back in their cars. Maybe this is why the latch has been removed from those self-serve gas nozzles, so you cannot let go of the nozzle and get back in your car.

Here are their Three Rules for Safe Refueling

While filling up: -Turn Off Engine

-Don't Smoke

-Never Re-enter Your Vehicle



Did you notice there was no mention about Cell Phones? PEI has investigated hundreds of refueling fires and flare-ups. "We have not documented one single incident that was caused by a cellular telephone."

NOTE: Just because they have not documented any cell phone incidents, it doesn't mean it's OK to violate the rules posted at your gas station.

They have made their findings available on their web site (see reference above). There is even an interesting video of an actual flare up available to support their findings.

REMEMBER SAFETY IS EVERYONE'S BUSINESS

If you have any comments or questions that you would like to see addressed in this column, please feel free to send me an email. at ve1trb@rac.ca

Puzzler- Do You Know?

If a transmitter has a 1 watt power output in the Low power position and 16 watts in the High position, by how many decibels does the power increase when switching from low to high power?



(Answer on page 7)

(First in a series of natural laws)

Law of Mechanical Repair: After your hands become coated with grease your nose will begin to itch or you'll have to pee.

The HRM EMO/ham Advisory Committee Web page is at www.ve1hre.ca

Bounty Part 2

This article, written by Spud Roscoe, VE1BC, appeared in the October 1985 issue of TCA. Here published in 2 parts due to space limitations. Any transcription errors are mine -ed.

I spent all my time on the air. When not on watch on the marine bands CW, I was on the Amateur bands, mainly on phone. The agreement was that the KWM-1 was mine on completion of the voyage if I would use it. I wanted to make certain that it was felt that the agreement was worthwhile.



On July 1, 1962, two days after my first QSO with Ken, I managed to connect with a most amiable group of VE7 Hams. We had sailed from Seattle, Washington, on June 28 after visiting Vancouver and Victoria and were now southbound of San Francisco. The Seattle World's Fair was on during our visit and at one point we had more people visit BOUNTY than this World's Fair. We were quite an attraction at all our ports of call. On July 1st we were far enough from VE7 land that I was putting a good signal into that area on 20 metres I had a QSO with Len VE6TF and Russ VE6VK on the 29th. I did not work a VE on the 30th.

On my third VE QSO, my Amateur operating got a good injection of proficiency. I was not well-organized. I never had a proper Amateur Log Book. I simply used a spare Proces Verbal Marine Log which is a very poor Amateur Log. Fortunately I

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had learned good log keeping from the Navy. I hate to think of what it could have been without that experience.

Frank W6BZN sent me a telegram stating the Amateur Call Sign while we were in Seattle. I did not receive the actual license until we arrived in San Francisco and I did not receive permission to operate in U.S. territorial waters until we arrived in Balboa, Panama.

My third VE QSO was with Marv VE7AKD. By this time I had accumulated a few questions and VE7AKD asked me to stand by for 15 minutes at which time he came back on with several more VE7's. Two were most helpful. The first was George Kitson VE7ALE who volunteered to be my QSL Manager. Up until then I had spent the best part of each QSO transmitting the address for BOUNTY. I was not in a Call Book at the time and received my first call, VE1AGN, while sailing in BOUNTY.

Only one who has been in a similar position can fully appreciate this move by George. George was most helpful in many ways. The other most helpful contact was Laurie VE7IT. It was Laurie who put me in contact with the late Floyd McCoy VR6AC, a direct descendant of the BOUNTY mutineers. I managed my first QSO with Floyd on July 13. He was receiving me a bit better

The Canadian replica of HMS Bounty passing through tower bridge Sept. 1962



than I could hear him, but none the less a most enjoyable QSO.

Prior to this first QSO with VR6AC, Laurie VEYIT had mentioned to me that VE1BC, back home in Nova Scotia, was most anxious to contact me. VE1BC and I had our first QSO on July 12. VE1BC was William S Bligh, a descendant of Captain William S Bligh of the original BOUNTY. Via Amateur radio I had made contact with the descendants of both sides of the mutiny within a day of each other.

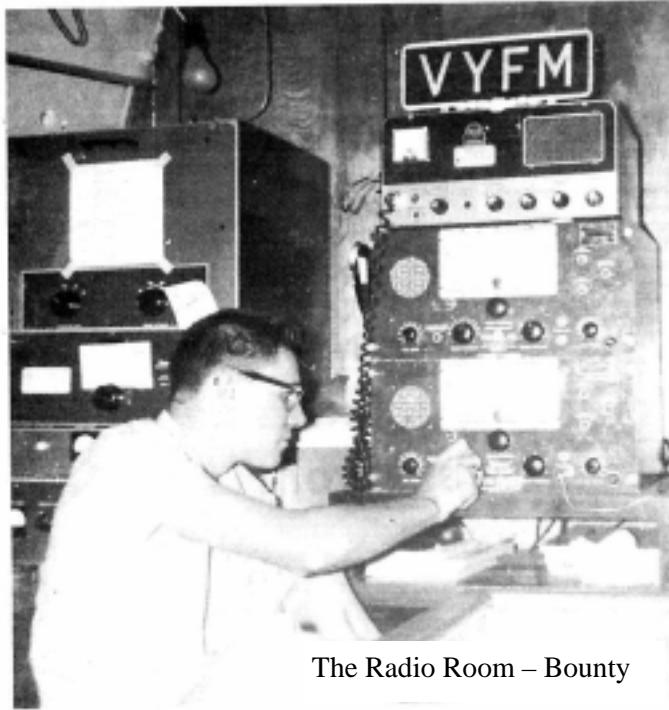
We tried to make a three-way contact with BOUNTY, VR6AC and VE1BC, but never succeeded. Our best effort was on July 17 and I have "QSB very bad" recorded in the old Proces Verbal Log. VR6AC 3/3, VE1BC 5/5, and with VE7IT and VE7ALE as 4/4. BOUNTY's QTH is recorded as 2040N 10700W --off the tip of Baja California, Mexico. I remember Bill VE1BC stating that he could just hear Floyd VR6AC and that was about all. Floyd VR6AC said he could not hear Bill VE1BC at all.

It is amazing how many fond memories come from this old Amateur Radio Log. It has been a long while since I last dug it out and looked through it. I can still hear a few of the QSO's recorded in it. Bill VE1BC owned a Radio TV business in Halifax. In his store window he kept a photo of BOUNTY and a chart. He kept a daily sked with me in BOUNTY and kept our QTH plotted on this chart. He had our wives over to his home for a chat with their partners in BOUNTY and went out of his way to make life much better for us in BOUNTY.

It was with great pleasure that I was able to present Bill, VE1BC, and his XYL Evelyn, VE1OW, with a large engraved silver tray that the crew in BOUNTY had purchased for them in appreciation of their service to us. I was able to do this shortly after arriving home from BOUNTY.

My experience in BOUNTY seems more like a dream than anything else. After a visit to Balboa, Panama, we visited New Orleans, Miami, Boston; Calais, France; Dover and London, England; Santa Cruz de Tenerife, Canary Islands; and then New York City for the premiere of the movie on Nov. 8, 1962.

After New York City we made a quick run down to visit Baltimore, Philadelphia and Washington, DC. We then sailed



The Radio Room – Bounty

(Continued on page 7)

**Halifax Amateur Radio Club
Minutes - Monthly General
Meeting**
Wednesday, May 17, 2006

President Bill (VE1MR) called the meeting to order at 1933 with 36 members and guests in attendance.

Silent Keys: There were no silent keys to report.

Guests / Visitors. VO1NO/VE3 Al , guest speaker for the night. VE3LHM Lee (sales manager for Durham Radio).

Executive in attendance:

Bill Elliott (VE1MR) President; Rob Ewert (VE1KS) 1st. Vice President; Howard Dickson (VE1DHD) 2nd Vice President; Murray Mac Donald (VE1MMD) Secretary; Fraser Mac Dougall (VE1WO) Treasurer were present.

Minutes of the April 19, 2006 monthly general meeting: It was moved by John (VE1HMH) and seconded by Jim (VE1JIM) that the minutes of the April 19, 2006 meeting, as printed in the May edition of the Reflector, be adopted. Motion was carried.

Executive Reports:

Treasurer's report: Fraser (VE1WO) reported that the current bank balance was \$10,287.52. Expenses for the month were \$1811.40 and income was \$1405.50. It was moved by Shirley (VE1JFG), seconded by Tom (VE1GTC) that the Treasurer's Report be accepted. Motion was carried.

Secretary's report: Murray (VE1MMD) reported that he had received an updated list of silent keys from Wayne Sabean (VE9SAB/VE9KV).

President's report: Bill (VE1MR) offered congratulations to the flea market committee for a job well done. He advised that he is looking into options for increasing the amount of liability insurance carried by the

club. He will report his findings at the June meeting.

1st. Vice President's report: Rob (VE1KS) reported on the new policy from CBC concerning ham radio installations at CBC sites. This policy confirms existing installations. If we have \$3,000,000.00 in liability insurance. There is an annual \$2400.00 fee for this privilege, which will be waived if the club holds and provides proof of an emergency preparedness exercise annually. Rob advised that there is also a possibility to have installations at other CBC sites within the province. He will review this opportunity and report back to the club.

2nd. Vice President's report: Howard (VE1DHD) advised that the door prize for the evening draw was a HARC tee shirt. The entertainment for the evening will be a presentation by Al Penny (VO1NO/VE3) entitled the "Battle of the Beams". Howard advised that the DX4Win workshop was a success with an advanced course planned for the near future. He has scheduled a Write-Log workshop for June 8th at 1900 in the club station. Unless more interest is received, Howard reported that the contesting workshop will be cancelled.

Station Manager's report:

Nothing to report.

Member at Large:

Nothing to report.

Past President's report:

Nothing to report.

Committee reports:

Membership: Tom (VE1GTC) reported that there are currently 140 members. (106 full, 32 associate and 2 life).

Search and Rescue: No report.

EMO: No report.

Flea Market: Murray (VE1MMD) reported that from all accounts the flea market was again a success. He has not yet received a financial statement from the treasurer. There were approximately 400 in attendance with 107 tables in use. He ad-

vised that the main door prize, an Icom Dual Band hand held, had been won by a club member (Phil – VE1PB). Murray thanked the flea market committee for all their hard work and encouragement.

Field Day: Howard (VE1DHD) reported that he had met with representatives from York Redoubt and they indicated that they are delighted to have us attend and use their site for field day. They have waived all fees and associated costs. The site was visited by a number of the executive to determine the best locations for the various stations and equipment and a site plan has been developed. Entertainment for June will be a review of field day.

DX Forum: Scott (VE1QD) reported that things are moving ahead. The date for this year's event is Saturday, August 5th and will be held at the Community Centre in Tantallon. A number of notables in the DX field have been contacted and have confirmed their attendance including George (N4GRN), Jeff (K1ZM) and Jim (VE1JF). Further information will be forthcoming.

Course: Scott (VE1QD) reported that thirteen (13) people have enrolled in the self study program. A regular course will be held in the fall over a 14 week period.

Old Business:

There was no old business to report.

New Business:

Tube Bank: Bill (VE1MR) reported that the tube bank is looking for a new home. Shirley (VE1JFG) and Tom (VE1TA) have had it for several years. If anyone is interested in hosting the tube bank and has the room, please let Bill know.

Membership Chair: Bill advised that an opportunity exists for a member to take over as membership chair. Tom (VE1GTC) has held this position for a number of years and he has other duties within the club to which he now wishes to devote his time and energy. If interested in taking over

Tech support: What kind of computer do you have?



Female customer:

A white one...

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HARC Minutes - Monthly General Meeting – Wednesday, May 17/06

(Continued from page 6)

this important position, please let Bill know.

Announcements:

It is anticipated that the Keji repeater will be installed by the end of the month.

Terry (VE1DTY) reported that he had attended the most recent executive meeting and that he was "more than impressed" as to how the executive represented the membership's interest.

Fraser (VE1WO) reported that the two (2) GICs will be reinvested later this month.

Howard (VE1DHD) advised that six (6) club members and their spouses had held a DXpedition to Janvrin Island and had made approximately 1500 contacts.

50/50: The 50/50 draw in the amount of \$18.00 was won by Scott (VE1QD)

Door Prize: The HARC tee-shirt was won by Bob (VE1RHP).

It was moved by John (VE1HMH) that the meeting be adjourned.

Meeting adjourned at 2017.

Respectfully submitted,
Murray Mac Donald, VE1MMD
Secretary, Halifax Amateur Radio Club, 24 May 2006

 **Answer to Puzzler on page 4 is**
12 db

(power doubling = 3db;
So 1W to 2W is 3db,
2W to 4W is 6db; 4W to 8W is
9 db and 8W to 16W is 12 db)

TEACHER: George, go to the map and find North America.



GEORGE: Here it is!

TEACHER: Correct. Now class, who discovered America?

CLASS: George!



D-Day was June 6, 1944

(Continued from page 5)

to Oyster Bay, New York, and paid BOUNTY off at Jacobsen's Shipyard. Here, BOUNTY was stripped of our accommodation below decks and made to more closely resemble the original ship for the New York World's Fair of 1963. After this World's Fair she was towed to her present berth in a Tahitian Village at St. Petersburg, Florida.

My final QSO was with Thomas F. Kelly W3AEC on Nov. 19, 1962. We paid off BOUNTY on Dec. 5 and I got to keep the KWM-1. The Air Cadet Club Station at Saint John, N.B. had the KWM-1 the last I heard of its whereabouts.

In May of 1965 Bill Bligh, VE1BC, met an early demise unfortunately, from a brain tumor. Evelyn, VE1OW, changed her call to his shortly after this but was never very active. She let me have the VE1BC call sign ten years ago and has not held one since.

Since I sailed in BOUNTY the people of Pitcairn Island have always seemed like family to me. Those who know that I sailed in BOUNTY often send bits of news about the island. Tom Christian VR6TC was active while I was in BOUNTY. At the time he was CW only and used to work cross-frequency, which I presume is the proper terminology. Tom transmitted on one frequency and listened several kilocycles (they were then) up the band on 20 metres

I tuned this performance in one evening with the idea that I would have a QSO with him. The pile-up was even more severe than the one I was able to generate from BOUNTY. Even without the limitations of the KWM-1 transceiver in working VR6TC cross-frequency it would have been most difficult for me to make contact with him. I have never had a QSO with VR6TC.

My only QSO with the island was via Floyd, VR5C. Brian Young's XYL

Kari is now VR6KY. Kari was a ship's radio officer and apparently chose

this trade back at her home in Norway in order to be able to visit the island. There are others who hold the VR6 call apparently for the occasional DXpedition only. Tom's XYL Betty often works CW from the marine radio station on the island, ZBP, but I have no knowledge of her working the Amateur bands. Irma Christian also operates CW from ZBP, but I have no knowledge of her working the Amateur bands either. Possibly Betty and Irma enjoy rag-chewing with the ships going by more than the pile-ups they would have to contend with while on the bands.

The ship's company thanks you, Roscoe. We've been long enough on this tack, I think, Christian. Dismiss the watch below and prepare to wear ship.

Signalman Roscoe



From the Mail Bag

Wayne, VE1WPH, draws our attention to these URL's. Ed.

ARISS antennas on Columbus
http://www.southgatearc.org/news/may2006/ariss_antennas_columbus.htm

Ceremony for the completion of the Columbus laboratory

http://www.southgatearc.org/news/may2006/columbus_ceremony.htm

International Space Station module to arrive in Florida this month

http://www.southgatearc.org/news/may2006/columbus_delivery.htm

and from the NASA Science News for May 10/06

The Sun's "Great Conveyor Belt" has slowed to a record-low crawl, which has important implications for future solar activity: Solar Cycle 25 peaking in 2022 could be one of the weakest in centuries.

FULL STORY at

http://science.nasa.gov/headlines/y2006/10may_longrange.htm?list5280

Check out the RSS feed at

<http://science.nasa.gov/rss.xml>

A Special Thanks for all those who have help in the SARA fund raising Event. (*at the Downeast Fleamarket*)

We not only raise some money for a great cause, but we also increase the numbers of tables needed.

See you in Greenwood; all items left over will be taken to Greenwood for their flea-market. so clean out your shack and give SARA members a call .

There is something about giving ,that make you feel good.

73 all VE1ESP Emil

Middle age is when broadness of the mind and narrowness of the waist change places.



Fellow Armatures,

The Queens County ARC along with assistance from the Halifax ARC and NSARA, will be installing a new repeater in Kejimkujik National Park on Saturday May 27th. The repeater call sign is VE1KEJ, the frequency is 147.195+ and will be linked into the Mavcom linking system, 152* to connect and 153* to disconnect.

This is an exciting time for the QCARC opening up communications in the Northern part of Queens County and broadening our communications with Annapolis, Kings, Digby, Yarmouth, Shelburne and Lunenburg Counties. The repeater sight is located at the fire tower on the Queens County side right next to Annapolis County.

73's Shane McDougall, VE1SMC, President QCARC

Much, but not all, was accomplished on May 27. Then persistent rain delayed the next effort 'til June 11. See the September Reflector for story & pictures.

Rob, VE1KS has started a web site to put the Keji Park repeater installation pictures on as they come in. Check back often as more will appear as he gets them. See website

<http://www.nsexplore.ca/harc/-ed>

Info: I have sent an up-date to the museum ships weekend event co-ordinator saying that we had some 389 contacts : 6 were other museum ships and that we worked JAPAN: KOREA AND JOHNSON ISLAND. I gave them our working conditions as well.

I thanked them (Battleship new jersey team) for our invitation to participate and the hopes we get to do this next year.

I will pass on any up-dates as they come in.

Thanks, Brian, VE1AZV

Unexpected help for the Keji repeater project -ed.

APC Coatings (www.apccoatings.ca) has offered to hot dip galvanize our mast components at no cost. This came about as a result of an inquiry that I made regarding the galvanizing process and proper application of galvanized spray paint.

Normally there is a minimum charge of \$60.00 with an additional 0.55 charge for each pound dipped plus HST. In round numbers this represents a service that would have cost us \$75.00. While hot dipping the components would be the best way to go in terms of corrosion protection I indicated that we were a non profit group of clubs and that we were trying to stay within a very tight budget. We would likely have to go with a zinc based spray that I was prepared to purchase from them.

It was at this point that the representative became interested in the project and following a few questions made the offer to provide the galvanizing treatment. She requested a letter explaining the project and then asked that we simply have the material at the plant by next Friday. The process should only take a few days.

I think that when the project is complete a note of thanks from the NSARA, QCARC and HARC would be in order for APC's generosity.

73 Wayne, VE1WPH

Jerry Proc VE3FAB has done it again and this time has a lot of Amateur Radio information on the Military Station at Alert, N.W.T.

I am sure a lot of the club members will have fond memories of VE8RCS.

Spud VE1BC

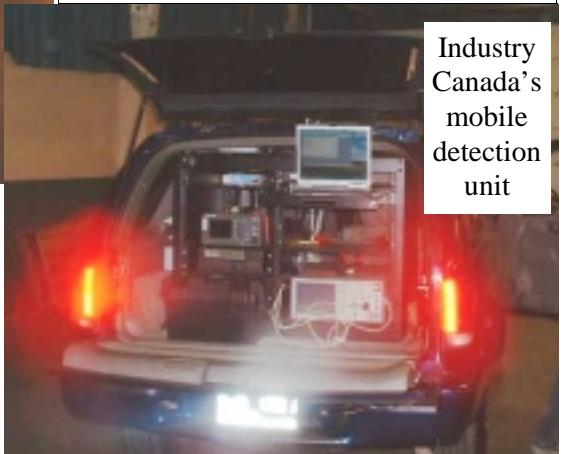
The URL to Jerry's Alert page is
<http://www.jproc.ca/rrp/alert.html>

Why is it that no plastic bag will open from the end you first try?



May 13 the 2006 DownEast Fleamarket provided an opportunity for buying, selling, shopping, browsing and also a chance to see and talk with fellow hams as well as representatives of Industry Canada, the NSARA, the QSL Bureau, RAC, Durham Radio, ...

Many items left in the hands of new owners. Many faces sported smiles.



Industry Canada's mobile detection unit



RAC was represented by RAC Atlantic Director Dave Goodwin, VO1AU and President, Earle Smith, VE6NM. They manned the RAC table and also conducted a formal information session during the fleamarket



FleaMarket Chairman Murray, VE1MMD, presenting the major doorprize (an Icom Dual Band handheld) to Phil Bentley, VE1PB



The "man from Durham" won the prize for Most Radio Antennas on a Vehicle. (eleven)

Bob, VE1VCK reported that the **Incoming QSL Bureau** had 16,615 cards at the start of the the 2006 Downeast Fleamarket. "At the end we had 13,910, or a reduction of 2705 cards." However, a box of cards received the day before the flea market plus a box of cards received at the flea market brought the total on hand up to 15,130. "We did receive \$307.00 (*postage & handling deposits*) during the flea market."

If you are on the air at all, please be sure to have at least a few dollars on deposit at the Britt Fader Memorial QSL Bureau. -ed.

REMINDER Have you changed your address?
Got a new call sign?

We need to know your correct address to get the newsletter to you. Please inform Tom Caithness, VE1GTC, of any address changes. Also please send your change of address to

The Britt Fader Memorial QSL Bureau
P.O. Box 8895
Halifax, N.S. B3K 5M5

HARC has **Anderson Powerpole connectors** for sale at \$1.25 each (one red and one black connector for one complete end). A complete mating pair requires 2 connectors. Place orders with Tom Caithness VE1GTC
tom.caithness@ns.sympatico.ca

RAC's web site is www.rac.ca

Third Annual MARITIME DX FORUM
Saturday, 5 August 2006

An invitation. The Halifax Amateur Radio Club (HARC) is pleased to invite all Dxers, contesters and HF enthusiasts to the **Third Annual Maritime DX Forum**. It will be held on Saturday, 5 August 2006 at the head of St. Margaret's Bay in Upper Tantallon, Nova Scotia - just outside Halifax.

Venue. This year's meeting will be held in the Multipurpose Room at the St.Margaret's Community Centre, located immediately off exit 5 on Highway 103. The Centre is above the Hubley Centre shopping area at 12 Westwood Boulevard.

The purposes of the Maritime DX Forum are to: 1) share our fascination for all aspects of Dxing, contesting and HF operating; 2) encourage greater HF activity among the region's hams; and 3) enjoy ham radio friendships. Spouses are welcome. If they are not interested in the talks, they will find many things to do in this prime tourist area. The evening DX Banquet is a social event for everyone.

Program. The program will run from 9:00 am until 4:45 pm. There will be two presentations in the morning and two in the afternoon. Although not all program details are confirmed, we can announce three excellent presentations. The first one features George Nicholson, N4GRN, one of the 3Y0X crew, who will talk about the recent Peter One DXpedition. The second one is Jeff Briggs, K1ZM/VY2ZM, who will shine light on the wonders of low band DXing. Third, Jim Fisher, VE1JF, will moderate a panel discussion on contesting that will include the featured speakers and other notable contesters. There will be ample time for conversations during coffee breaks and a long lunch hour and pre-dinner happy hour. The DX Banquet will begin at 6:30 pm for 7:00 dinner. Other presentations will be announced, just as soon as they are confirmed.

Registration & Cost. Cost of the Maritime DX Forum and the DX Dinner as well as the details about registering will be announced shortly. This first announcement is intended to give you as much time as possible to get this great event on your summer calendar.

If you have immediate questions, you may contact Scott Wood, VE1QD, by e-mail at: ve1qd@rac.ca

From NASA Science News for May 10 (*de Wayne, VE1WPH*)

The Sun's "Great Conveyor Belt" has slowed to a record-low crawl, which has important implications for future solar activity: Solar Cycle 25 peaking in 2022 could be one of the weakest in centuries.

FULL STORY at http://science.nasa.gov/headlines/y2006/10may_longrange.htm?list5280

Check out our RSS feed at <http://science.nasa.gov/rss.xml>

After the Gibson Girl Radio ...

Last year Fred, VE1FA, gave a very interesting talk on, and demonstration of a "Gibson Girl" radio. Just in time for our recreational boating season the March/April issue of *Saltscapes* has an informative article on EPIRB. Most of the following information is from that article -ed

The Search & Rescue area for Atlantic Canada is more than 4.7 million square km and is bordered by more than 29,000 km of coastline. A vessel in trouble out there is hard to find. If your boat is equipped with an EPIRB (Emergency Position Indicating Radio Beacon) that has been properly registered and maintained, your chances of a timely rescue are greatly increased.

The signal from a transmitting EPIRB is received by COSPAS-SARSAT satellites and retransmitted to ground stations around the world. The Goose Bay Labrador ground station forwards distress call information to CFB Trenton which alerts the Rescue Co-ordination Centre (RCC) closest to the transmitting beacon. Then search & rescue operations can be mobilized using appropriate land, sea and air resources

COSPAS satellites are operated by Russia; SARSAT is an international satellite network operated by Canada, France & the US. These satellites work together to aid rescues around the world.

The website www.cospas-sarsat.org includes a tutorial with extensive explanations about EPIRB selection and operation

The 2 main types of EPIRB's operate on:

1/	121.5 MHz
2/	406 MHz



Some beacons are equipped with a GPS module which enables location information to be included in the EPIRB's distress message. Beacons without GPS rely on the satellite(s) to identify the distress-call location.

Available EPIRB's include manually operated types and operator independent models.

Proper maintenance of your EPIRB is crucial. Over 90% of EPIRB alarms are due to false activations, either malfunction or operator error. Responding to a false activation is not only costly, it could prevent rescue from reaching the site of a real emergency in time. A beacon with low battery voltage can activate and transmit erroneous information.

The National Search & Rescue Secretariat holds the registry information for all types of locator beacons; aviation, marine, personal.

To register and update your EPIRB with the NSS call 1-800-727-9424 or go to the NSS website www.nss.gc.ca or www.beacons.nss.gc.ca

The Joint Rescue Co-ordination Centre in Halifax looks after the Atlantic provinces, eastern half of Quebec and part of Baffin Island. Their website is at www.jrcchalifax.forces.ca